

ABSTRACT

5 An optoelectronic assembly having components designed to be fabricated on a stamping
process capable of producing parts having tolerances below 1000 nanometers. The
optoelectronic assembly includes ferrules and sleeves. The ferrules can include two identical half
ferrules that are forged and assembled together to form the ferrule body. The ferrules can also be
designed to be alternatively produced by forming processes or produced by a combination of
10 forging and forming processes. The pair of ferrules supporting one or more optical fibers are
guided together by a high precision split sleeve for coupling the fibers together.